

0590
0730

8



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/925,547A

DATE: 07/30/2002

TIME: 14:57:15

Input Set : D:\SEQLIST.txt

Output Set: N:\CRF3\07302002\I925547A.raw

ENTERED

```

4 <110> APPLICANT: Grupe, Andrew
5   Szymkowski, David E.
7 <120> TITLE OF INVENTION: Methods and Compositions for Treating
8   Gastrointestinal Tract Mucin Production Associated Disease
9   Conditions
11 <130> FILE REFERENCE: ROCH007
13 <140> CURRENT APPLICATION NUMBER: 09/925,547A
14 <141> CURRENT FILING DATE: 2001-08-08
16 <150> PRIOR APPLICATION NUMBER: 60/161,483
17 <151> PRIOR FILING DATE: 2000-08-09
19 <160> NUMBER OF SEQ ID NOS: 24
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 20
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: synthetic primer
31 <400> SEQUENCE: 1
32 gttcgacagt cagccgcac 20
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 19
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: synthetic primer
42 <400> SEQUENCE: 2
43 ggaatttgcc atgggtgga 19
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 21
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: synthetic primer
53 <400> SEQUENCE: 3
54 gccaggatct gtggtgtac a 21
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 20
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: synthetic primer
64 <400> SEQUENCE: 4

```

RAW SEQUENCE LISTING

DATE: 07/30/2002

PATENT APPLICATION: US/09/925,547A

TIME: 14:57:15

Input Set : D:\SEQLIST.txt

Output Set: N:\CRF3\07302002\I925547A.raw

```

65 ctccacgtcg tggacattga                                20
67 <210> SEQ ID NO: 5
68 <211> LENGTH: 21
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: synthetic primer
75 <400> SEQUENCE: 5
76 cccaactttg atgccagcat t                                21
78 <210> SEQ ID NO: 6
79 <211> LENGTH: 19
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: synthetic primer
86 <400> SEQUENCE: 6
87 cagcatccat tgggcatga                                19
89 <210> SEQ ID NO: 7
90 <211> LENGTH: 21
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: synthetic primer
97 <400> SEQUENCE: 7
98 cgaaaacagc ccactgatgt c                                21
100 <210> SEQ ID NO: 8
101 <211> LENGTH: 20
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: synthetic primer
108 <400> SEQUENCE: 8
109 tggaggcctg agttggaatt                                20
111 <210> SEQ ID NO: 9
112 <211> LENGTH: 19
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: synthetic primer
119 <400> SEQUENCE: 9
120 tactcgctcg agggcaaca                                19
122 <210> SEQ ID NO: 10
123 <211> LENGTH: 20
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: synthetic primer
130 <400> SEQUENCE: 10
131 tgcagtgcag ggtcacattc                                20

```

RAW SEQUENCE LISTING

DATE: 07/30/2002

PATENT APPLICATION: US/09/925,547A

TIME: 14:57:15

Input Set : D:\SEQLIST.txt

Output Set: N:\CRF3\07302002\I925547A.raw

```

133 <210> SEQ ID NO: 11
134 <211> LENGTH: 23
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: synthetic primer
141 <400> SEQUENCE: 11
142 gtgtgggtgg tctctggagt aga                23
144 <210> SEQ ID NO: 12
145 <211> LENGTH: 24
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: synthetic primer
152 <400> SEQUENCE: 12
153 aaatccacag ctaccagctt taca                24
155 <210> SEQ ID NO: 13
156 <211> LENGTH: 19
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: synthetic primer
163 <400> SEQUENCE: 13
164 ccactttctgc ctccatcca                19
166 <210> SEQ ID NO: 14
167 <211> LENGTH: 19
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: synthetic primer
174 <400> SEQUENCE: 14
175 ggccttgagc gttgttggt                19
177 <210> SEQ ID NO: 15
178 <211> LENGTH: 21
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: synthetic primer
185 <400> SEQUENCE: 15
186 gcaaggtggc tttgtagtgg a                21
188 <210> SEQ ID NO: 16
189 <211> LENGTH: 24
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: synthetic primer
196 <400> SEQUENCE: 16
197 agactgtatt tccaagtgcc aacc                24
199 <210> SEQ ID NO: 17

```

RAW SEQUENCE LISTING

DATE: 07/30/2002

PATENT APPLICATION: US/09/925,547A

TIME: 14:57:15

Input Set : D:\SEQLIST.txt

Output Set: N:\CRF3\07302002\I925547A.raw

```

200 <211> LENGTH: 20
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: synthetic primer
207 <400> SEQUENCE: 17
208 gaggccgagt gtttgtccat 20
210 <210> SEQ ID NO: 18
211 <211> LENGTH: 27
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: synthetic primer
218 <400> SEQUENCE: 18
219 ccatttatgt agaaaggttt gtcattg 27
221 <210> SEQ ID NO: 19
222 <211> LENGTH: 24
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: synthetic primer
229 <400> SEQUENCE: 19
230 cctgaagtca cagatgatgt ggaa 24
232 <210> SEQ ID NO: 20
233 <211> LENGTH: 24
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: synthetic primer
240 <400> SEQUENCE: 20
241 aggcactcct gatacagtaa acga 24
243 <210> SEQ ID NO: 21
244 <211> LENGTH: 23
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: synthetic primer
251 <400> SEQUENCE: 21
252 gaatcaagca gcaaaacatt tcc 23
254 <210> SEQ ID NO: 22
255 <211> LENGTH: 25
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: synthetic primer
262 <400> SEQUENCE: 22
263 gtggcagtac tatcaaagtg aacca 25
265 <210> SEQ ID NO: 23
266 <211> LENGTH: 23

```

RAW SEQUENCE LISTING

DATE: 07/30/2002

PATENT APPLICATION: US/09/925,547A

TIME: 14:57:15

Input Set : D:\SEQLIST.txt

Output Set: N:\CRF3\07302002\I925547A.raw

267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: synthetic primer
273 <400> SEQUENCE: 23
274 gtcccgtaga caaaatggtg aag 23
276 <210> SEQ ID NO: 24
277 <211> LENGTH: 17
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: synthetic primer
284 <400> SEQUENCE: 24
285 gtgaccaggc gcccaat 17

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/925,547A

DATE: 07/30/2002

TIME: 14:57:16

Input Set : D:\SEQLIST.txt

Output Set: N:\CRF3\07302002\I925547A.raw